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(71)Applicant : TOYOBO CO LTD

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(72)Inventor : FURUYA TETSURO

NISHIMOTO AKIRA

HAYASHI KIYOHIDE

(54) POLYURETHANE ELASTIC FIBER HAVING MODIFIED CROSS SECTION AND PANTYHOSE USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a pantyhose excellent in dry touch and gloss and durability and having a new touch.

SOLUTION: This modified cross-sectional polyurethane elastic yarn in which on the cross section of each monofilament, the monofilament has three or more projections on the outer periphery, and has a R/r ratio of ≥ 2.0 wherein R is the radius of the circumcircle of the cross section and r is the radius of the inscribed circle. The pantyhose uses covering yarns at least in the leg portion of the pantyhose. Each of the covering yarns is produced by winding non-elastic fibers on a core yarn comprising the polyurethane elastic fibers.

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